

ABSTRACT OF THE DISCLOSURE

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A multi-gear high-low clutch for construction machines with a torque converter, a drive shaft, an output shaft and several jack shafts, with distributed idlers on the shafts, fixed wheels and shift clutches, which form several reduction gear units for the gearshift and direction circuit, containing four forward gears and two reverse gears, whereby output shaft is also used as a jack shaft for a gear, with which the corresponding jack shaft of forward gear unit and the corresponding jack shaft of another forward gear unit engage with drive shaft, where both jack shafts can be rotated in every desired angle position around drive shaft, whereby corresponding jack shafts of the gears, applied to drive shaft, are arranged one behind the other on a side of the drive shaft and whereby, that corresponding jack shafts of the gears, can currently be rotated around the next visibly arranged jack shaft.